

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method of reproducing auxiliary contents data in a reproducing apparatus, the method comprising:

receiving a playback control information for the auxiliary contents data for audio/video (A/V) data from an external server, the playback control information including an address information for indicating a location of the auxiliary contents data and attribute information for indicating image types and an aspect ratio for the auxiliary contents data, an image type for indicating whether an image for presenting the auxiliary contents data is square or not, and the aspect ratio for indicating whether the aspect ratio of the image for presenting the auxiliary contents data is either 4:3 or 16:9, wherein the auxiliary contents data is pre-recorded on a recording medium or provided by an external server through a communication network;

storing the playback control information in one region among at least two logically divided regions of a buffer memory;

checking the attribute information stored in the one region of the buffer memory to determine a presentation method for the auxiliary contents data; and

presenting the auxiliary contents data according to the determined presentation method, wherein the presenting step outputs the auxiliary contents data in conjunction with the A/V data reproduced from the recording medium using the image type and aspect ratio included in the playback control information.

2-3. (Canceled).

4. (Previously Presented) The method set forth in claim 1, wherein the playback control information is further pre-recorded on a recording medium, and

wherein the receiving step comprises retrieving the playback control information from the recording medium.

5. (Original) The method set forth in claim 1, wherein the auxiliary contents data is organized into one or more files.

6. (Previously Presented) The method set forth in claim 5, wherein the attribute information is included in names of the files containing the auxiliary contents data.

7. (Previously Presented) The method set forth in claim 5, wherein the attribute information is included in meta tag information in a header area of the files containing the auxiliary contents data.

8. (Original) The method set forth in claim 5, wherein the attribute information is included in tag information arbitrarily positioned within the files containing the auxiliary contents data as image tag information.

9. (Canceled).

10. (Currently Amended) The method set forth in claim 1, ~~wherein the image types indicate whether images for presenting the auxiliary contents data are square or not, and~~ wherein the presenting step comprises presenting the auxiliary contents data as square images if the image types ~~indicates~~ indicate the images are square.

11. (Currently Amended) The method set forth in claim 1, ~~wherein the aspect ratios indicate whether aspect ratios of images for presenting the auxiliary contents data are either 4:3 or 16:9, and~~

wherein the presenting step comprises presenting the auxiliary contents data as 4:3 or 16:9 according to the aspect ratio.

12. (Currently Amended) The method set forth in claim 1, wherein the ~~auxiliary contents data is pre-recorded on a recording medium or provided by an external server through a~~

communication network receiving step includes receiving the auxiliary contents data from the recording medium or the external server, and

wherein the storing step includes storing the auxiliary contents data from the recording medium or the external server into the buffer memory.

13. (Previously Presented) The method set forth in claim 1, wherein the presenting step outputs the auxiliary contents data in conjunction with the A/V data reproduced from an interactive recording medium.

14. (Currently Amended) An apparatus for reproducing an auxiliary contents data, the apparatus comprising:

a receiving unit configured to receive a playback control information for the auxiliary contents data for audio/video (A/V) data, the playback control information including an address information for indicating a location of auxiliary contents data and attribute information for indicating image types and an aspect ratio for the auxiliary contents data, an image type for indicating whether an image for presenting the auxiliary contents data is square or not, and the aspect ratio for indicating whether the aspect ratio of the image for presenting the auxiliary contents data is either 4:3 or 16:9, wherein the auxiliary contents data is pre-recorded on a recording medium or provided by an external server through a communication network;

a buffer memory logically divided in at least two regions in which any one region is configured to store the playback control information; and

a controller configured to check the attribute information stored in the region of the buffer memory to determine a presentation method for the auxiliary contents data, and to control a presentation of the auxiliary contents data according to the determined presentation method,

wherein the buffer memory is configured to store the auxiliary contents data received from the receiving unit according to a control of the controller, and

wherein the controller is configured to control the presentation of the auxiliary contents data in conjunction with the A/V data reproduced from the recording medium using the image type and aspect ration included in the playback control information.

15. (Previously Presented) The apparatus set forth in claim 14, wherein the playback control information is pre-recorded on a recording medium, and
wherein the receiving unit is configured to retrieve the playback control information from the recording medium.

16. (Previously Presented) The apparatus set forth in claim 14, wherein the auxiliary contents data is organized into one or more files.

17. (Previously Presented) The apparatus set forth in claim 16, wherein the attribute information is included in names of the files containing the auxiliary contents data.

18. (Previously Presented) The apparatus set forth in claim 16, wherein the attribute information is included in meta tag information in a header area of the files containing the auxiliary contents data.

19. (Previously Presented) The apparatus set forth in claim 16, wherein the attribute information is included in tag information arbitrarily positioned within the files containing the auxiliary contents data as image tag information.

20. (Currently Amended) The apparatus set forth in claim 14, ~~wherein the image types indicate whether images for presenting the auxiliary contents data are square or not, and~~
wherein the controller is configured to control the presentation of the auxiliary contents data as square images if the image types ~~indicates~~ indicate the images are square.

21. (Currently Amended) The apparatus set forth in claim 14, ~~wherein the aspect ratios indicate whether aspect ratios of the images for presenting the auxiliary contents data are either 4:3 or 16:9, and~~

wherein the controller is configured to control the presentation of the auxiliary contents data as 4:3 or 16:9 according to the aspect ratio.

22. (Previously Presented) The apparatus set forth in claim 14, wherein the auxiliary contents data is pre-recorded on an interactive recording medium or provided by an external server through a communication network, and

wherein the buffer memory is configured to store the auxiliary contents data according to a control of the controller.

23. (Previously Presented) The apparatus set forth in claim 14, wherein the controller is configured to control the presentation of the auxiliary contents data in conjunction with the A/V data reproduced from a recording medium.

24. (New) The method set forth in claim 1, wherein the playback control information is provided all at once, and

wherein the receiving step includes receiving the playback control information at once.

25. (New) The method set forth in claim 1, wherein the playback control information is divided into a plurality of pieces and provided one by one when need, and

wherein the receiving step includes receiving the playback control information one by one.

26. (New) The apparatus set forth in claim 14, wherein the playback control information is provided all at once, and

wherein the receiving unit is configured to receive the playback control information at once.

27. (New) The apparatus set forth in claim 14, wherein the playback control information is divided into a plurality of pieces and provided one by one when need, and

wherein the receiving unit is configured to receive the playback control information one by one.